Application No. 10/560,471

Amendment dated November 2, 2011

Response to Final Office Action of June 2, 2011

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-15 (Canceled)

16. (Currently amended) A method of reducing the pains of muscle pain, joint pain, lumbago, shoulder stiffness, and fracture pain, without unpleasant irritation when topically applied, by applying an analgesic and anti-inflammatory patch comprising an aqueous poultice material containing 10 to 80 wt% water, 0.5 to 20 wt% of benzocaine, and at least one ingredient having a counter-irritation effect selected from the group consisting of l-menthol, dl-menthol, dl-camphor, d-camphor, methyl salicylate, glycol salicylate, mentha oil, eucalyptus oil, capsaicin, capsicum extract, and nonylic vanillylamide, wherein the ingredient having a counter-irritation effect is present in an amount of 0.01 to 30 wt% when it is one of l-menthol, dl-menthol, dl-camphor, d-camphor, methyl salicylate, glycol salicylate, mentha oil or eucalyptus oil, or in an amount of greater than 1.0 to 5 wt% when it is one of capsaicin, capsicum extract or nonylic vanillylamide.

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17. (Currently amended) An analgesic and anti-inflammatory patch comprising an aqueous poultice material containing 10 to 80 wt% water, 0.5 to 20 wt% of benzocaine, and at least one ingredient having a counter-irritation effect selected from the group consisting of I-menthol, dI-menthol, dI-camphor, d-camphor, methyl salicylate, glycol salicylate, mentha oil, eucalyptus oil, capsaicin, capsicum extract, and nonylic vanillylamide, wherein the ingredient having a counter-irritation effect is present in an amount of 0.01 to 30 wt% when it is one of I-menthol, dI-menthol, dI-camphor, d-

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camphor, methyl salicylate, glycol salicylate, mentha oil or eucalyptus oil, or in an amount of 0.001 greater than 1.0 to 5 wt% when it is one of capsaicin, capsicum extract or nonylic vanillylamide.

- 18. (Previously presented) The analgesic and anti-inflammatory patch according to claim 17, wherein the aqueous poultice material comprises 3 to 40 wt% of at least one water-soluble polymer, the water-soluble polymer being selected from the group consisting of gelatin, pullulan, polyvinylpyrrolidone, polyvinylalcohol, methylcellulose, ethylcellulose, carboxymethylcellulose, hydroxyethylcellulose, hydroxypropylcellulose, polyacrylic acid, sodium polyacrylate, acrylic acid copolymer, maleic anhydride copolymer, starch/sodium acrylate graft copolymer, carboxyvinyl polymer, sodium alginate, xanthan gum, agar, and carrageenan.
- 19. (Previously presented) The analgesic and anti-inflammatory patch according to claim 18, wherein the aqueous poultice further comprises 0.001 to 5 wt% of at least one crosslinker to crosslink the water-soluble polymer, the crosslinker being selected from the group consisting of potassium alum, aluminium alum, magnesium chloride, calcium chloride, aluminium chloride, aluminium hydroxide, calcium hydroxide, calcium phosphate, calcium citrate, aluminium gylcinate, magnesium aluminometasilicate, magnesium aluminosilicate, aluminium metasilicate, magnesium silicate, synthetic hydrotalcite, polyethyleneglycol diglycidyl ether, ethyleneglycol diglycidyl ether, glycerine diglycidyl ether and tyiglycerin diglycidyl ether.

20. (Canceled)

21. (New) The method according to claim 16, wherein the ingredient having a counter-irritation effect is present in an amount of 0.1 to 15 wt% when it is one of 1-menthol, dl-menthol, dl-camphor, d-camphor, methyl salicylate, glycol salicylate, mentha

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oil or eucalyptus oil, or in an amount of greater than 1.0 to 3 wt% when it is one of capsaicin, capsicum extract or nonylic vanillylamide.

22. (New) The analgesic and anti-inflammatory patch according to claim 17, wherein the ingredient having a counter-irritation effect is present in an amount of 0.1 to 15 wt% when it is one of I-menthol, dI-menthol, dI-camphor, d-camphor, methyl salicylate, glycol salicylate, mentha oil or cucalyptus oil, or in an amount of greater than 1.0 to 3 wt% when it is one of capsaicin, capsicum extract or nonylic vanillylamide.

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